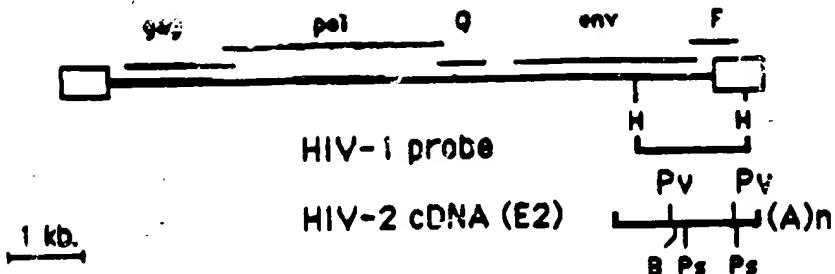


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A



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JC971 U.S. PRO  
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B

HIV.2 AGTA~~A~~CTAACAGAA-----ACAGCTGAGACTGC---AGGGACTT~~Y~~CCAGAAGGGGCTG  
HIV.1 :::: : :::: : :::: : :::: : :::: : :::: : :::: : :::: : :::: : :::: :  
ACT-ACTTCAAGAAC~~T~~GCTCACATC-GAGCTT~~G~~CTACAAGGGACT~~T~~~~T~~~~G~~CTGGGACTT  
9000 9010 9020 9030 9040

HIV.2 TAAC~~U~~AA-----GGGAGGGACATGGGAC---GAGCTGGTGGUGAACCCCTC  
HIV.1 : :::: : :::: : :::: : :::: : :::: : :::: : :::: : :::: : :::: :  
T...CCAGGGAGGGCTGGCCTGGGCCGGACTGGGGAGTGGCGAGC-----CCTC  
9050 9060 9070 9080 9090

HIV.2 ATATTCTGTG~~TATAAA~~TATACCCGCTGCCATTG~~T~~ACTTCAGTCGCTCTGGGAGAGG  
HIV.1 : :::: : :::: : :::: : :::: : :::: : :::: : :::: : :::: : :::: :  
AGATG--CTGC~~TATAA~~AGCAGCTGCTTTGCC-TGTACTGG-GTCTCTGGTAGAC-  
9100 9110 9120 9130 9140

U3 R

HIV.2 CTGGCAGATTGAGCCCTGGGAGGTTCTCTCCAGGCACTAGCAGGTAGAGCCTGGGTCTCCC  
HIV.1 : :::: : :::: : :::: : :::: : :::: : :::: : :::: :  
---CAGATTGAGCCCTGGGAGC-TCTCTGGCTAACTACGGAAACCCAC-----  
9150 9160 9170 9180 9190

HIV.2 TGCTAGACTCTCACCA~~G~~ACTTG~~G~~CCGGTCTGGCAGACGGCCCCACGCTTGCTT  
HIV.1 : :::: : :::: : :::: : :::: : :::: : :::: : :::: :  
-----TGCTT

HIV.2 AAAA~~AC~~CTCCT~~TATAA~~AGCT-GCC---AGTAGAAGCA  
HIV.1 : :::: : :::: : :::: : :::: : :::: : :::: : :::: :  
AAG----CCTC~~TATAA~~AGCTTG~~C~~TTGAGT~~G~~CTTCAA  
9210 9220

R

26  
SCANNED #

Fig 2

A

a b c d e f



Kbp

- 23 -

- 8.6 -

- 8.8 -

- 43 -

2.3 2.0

8

b c d e f



SCANNED

C

**1    2    3    4    5    6**

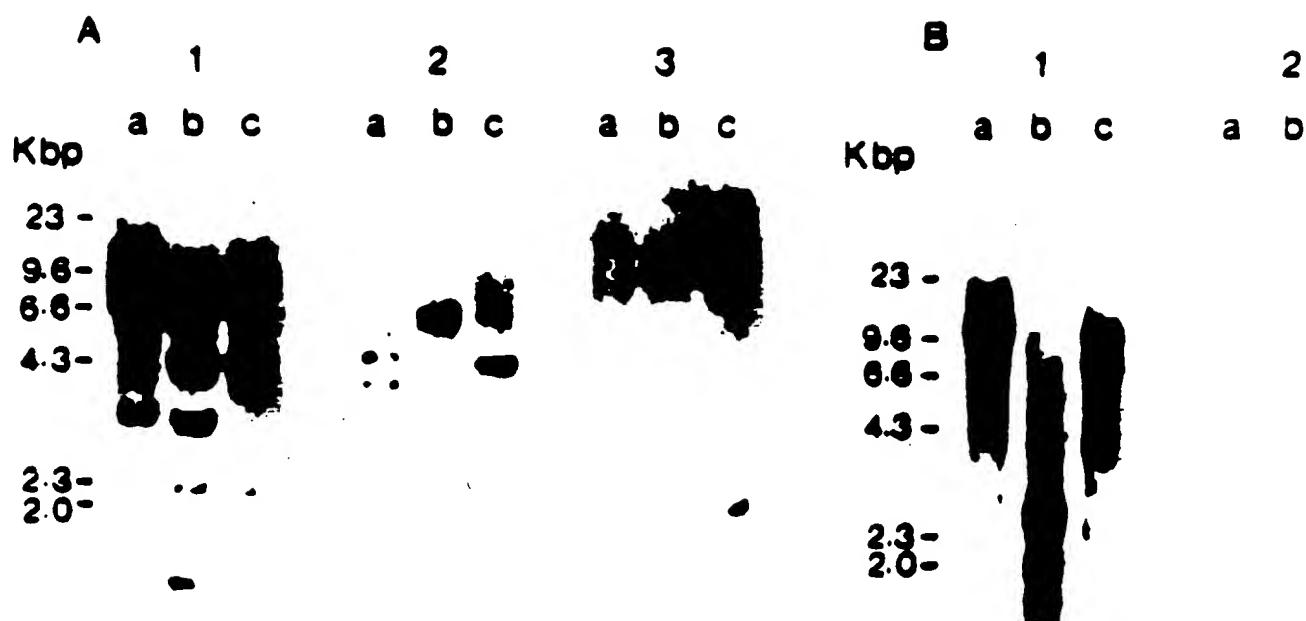
**1      2      3      4      5      6**

0



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Fig. 4



SCANNED # 20

2004

U 238

### HIV-2 RNA

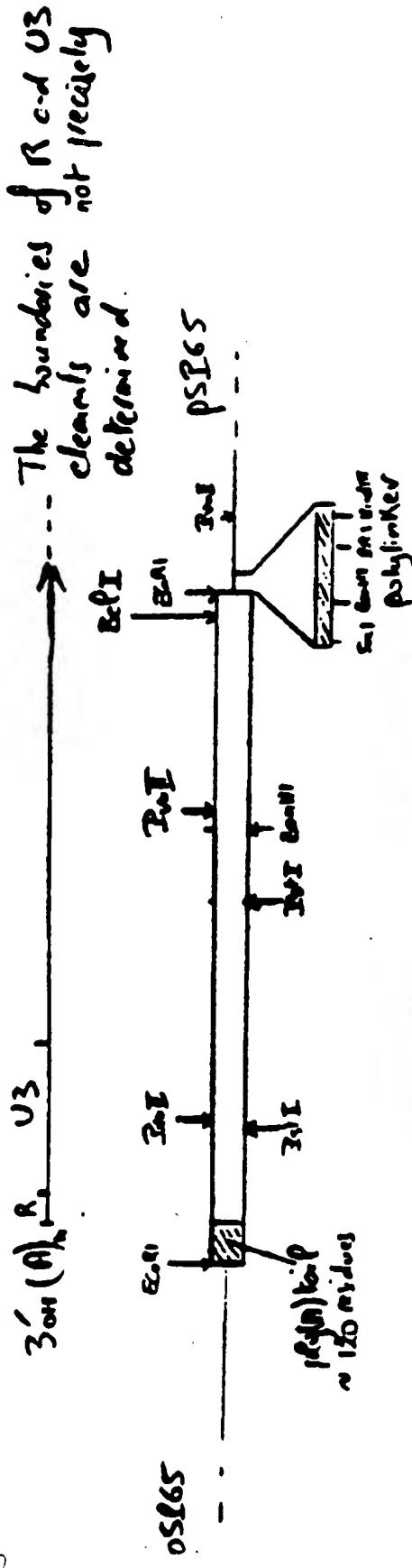
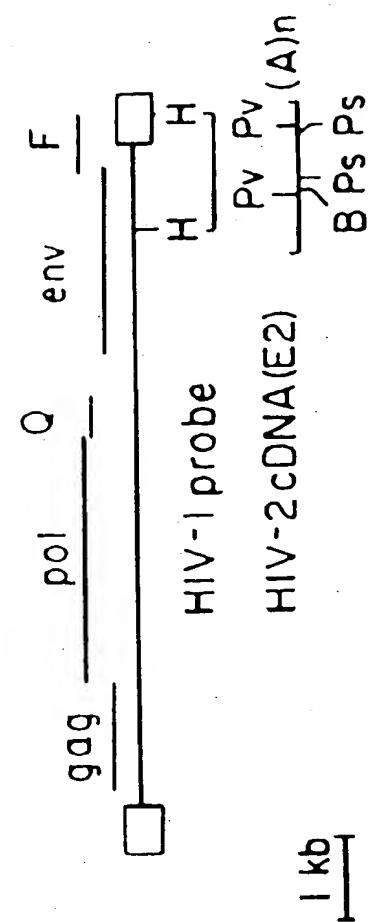


FIG. 1A



# FIG. 1B

HIV.2 AGTAACAGAA-----AGGACTTCTGAGACTGC---AGGGACTTTCCAGAACGGGCTG  
HIV.1 AGT-ACTCAAGAACCTGCTGACATC-GAGCTTGCTAACAAAGGGACTTTCCGGCTGGGACCT  
9000 9010 9020 9030 9040

HIV.2 TAACCAA-----GGGAGGGACATGGGAG----GAGCTGGTGGGAACGCC  
HIV.1 T-CAGGGAGGGCTGGCCTGGGGACTGGGGAGTGGCGAAGC-----CC  
9050 9060 9070 9080 9090

HIV.2 ATATTCTCTGTATAACCGCTGCTTGCATTGACTTCAGTCGCTCTGGAGAGG  
HIV.1 AGATG-CCTGCTTATGAGCTGCTTGTGCT-TGTACTGG-GTCTCTGGTTAGAC-  
9100 9110 9120 9130 9140 R  
U3

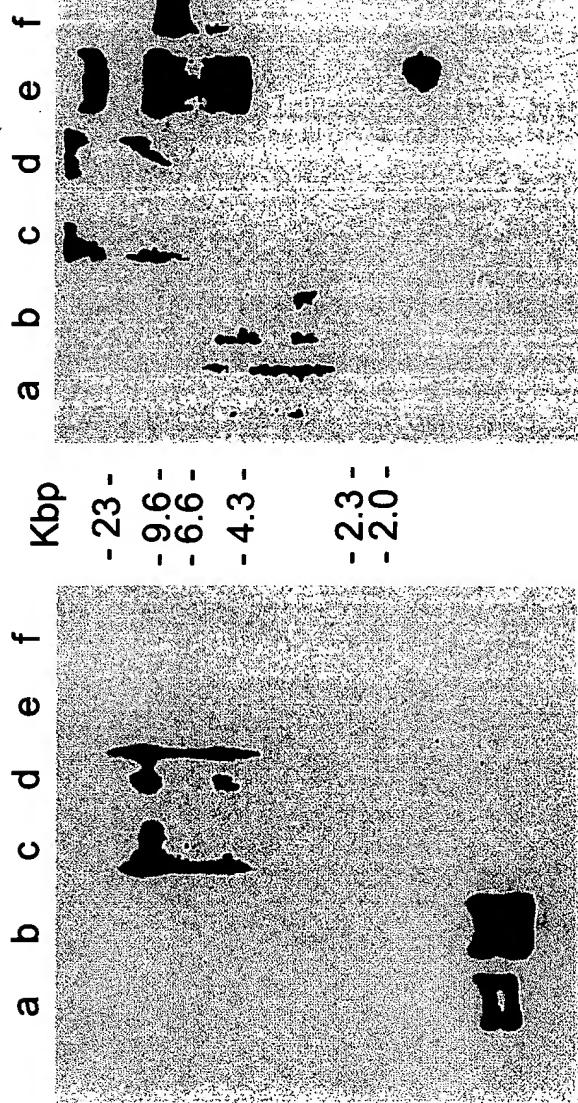
HIV.2 CTGGAGATTGAGCCCTGGAGGTCTCCAGGACATGGAGGTAGAGCCTGGGTGCCC  
HIV.1 --CAGATTGAGCTGGAGC-TCTCTGGCTAACATGGAACCCAC-----  
9150 9160 9170 9180 9190

HIV.2 TGCTAGACTCTACCAGCACCTGGGGTGGGGAGACGGCCCCACGGCTTGCCT  
HIV.1 -----tGCCT  
R

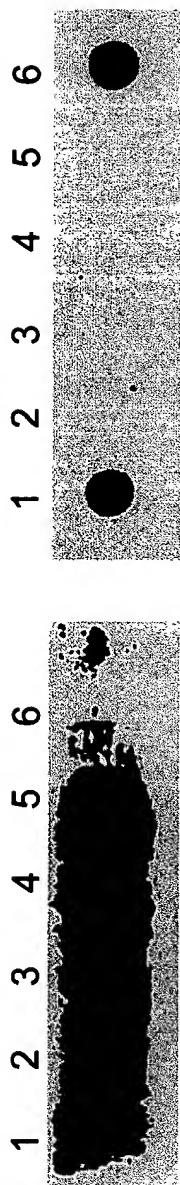
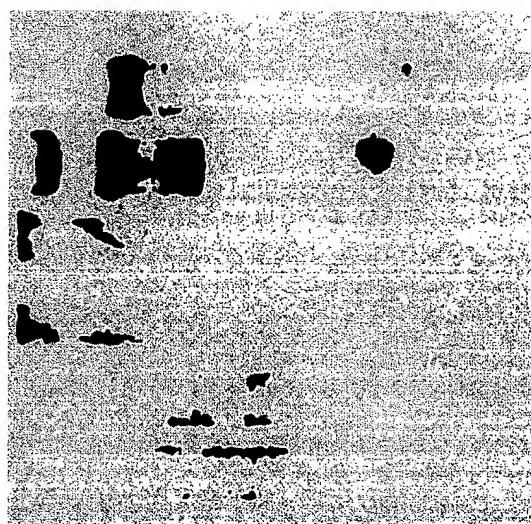
HIV.2 AAAACCTCCATAAAAGCT-GCC---AGTAGAACCA  
HIV.1 AAG-----CCCTAATAAAAGCTTGGCTTGAGCTTCAA  
920 9220 Hind III R

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**FIG. 2A**



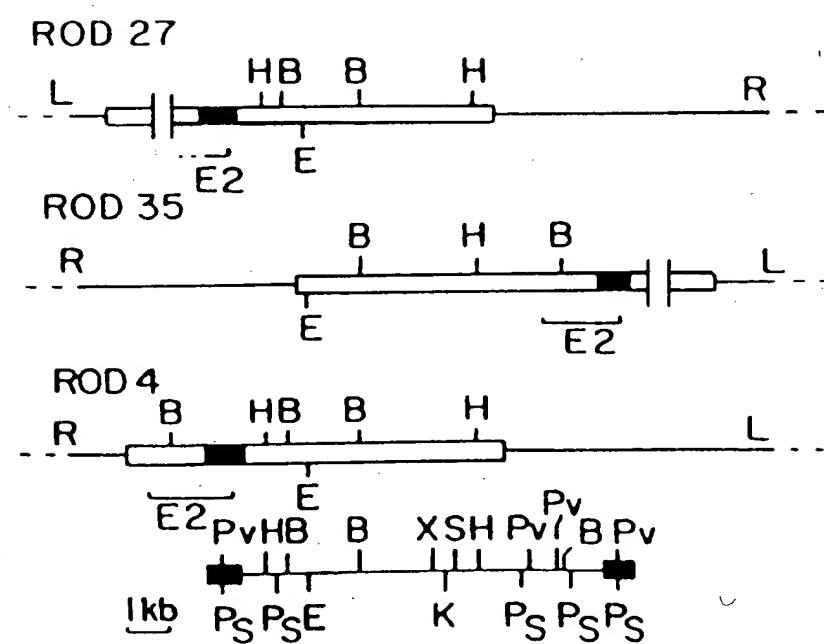
**FIG. 2B**

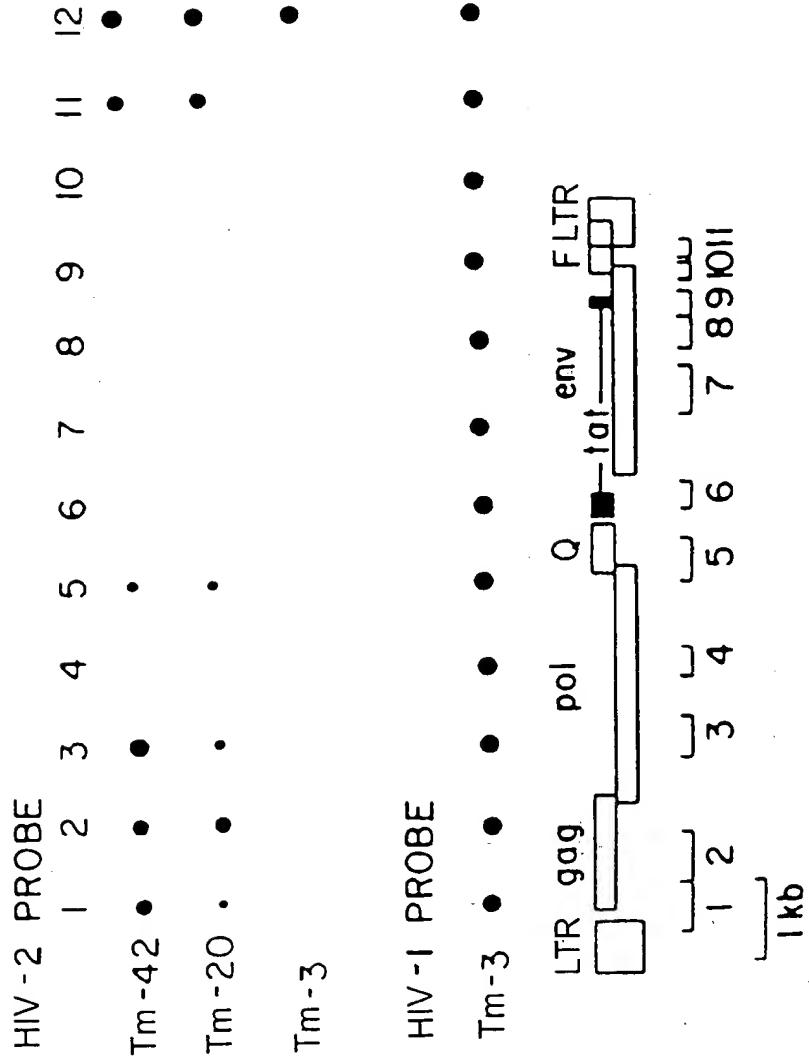


**FIG. 2C**

**FIG. 2D**

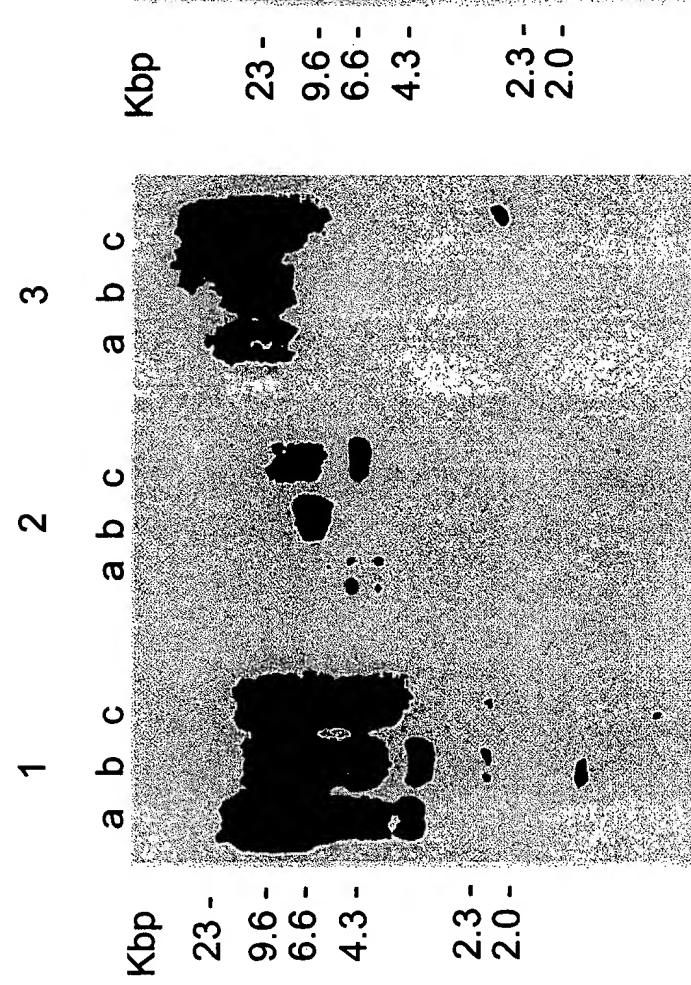
# FIG. 3A



**FIG. 3B**

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**FIG. 4A**



**FIG. 4B**

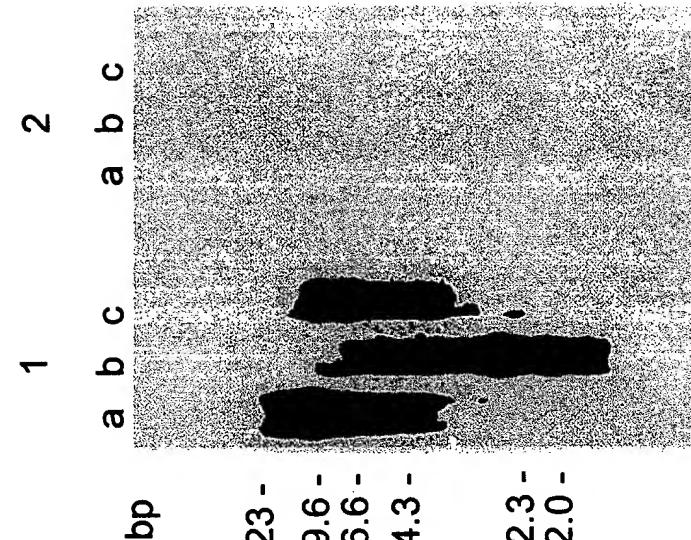
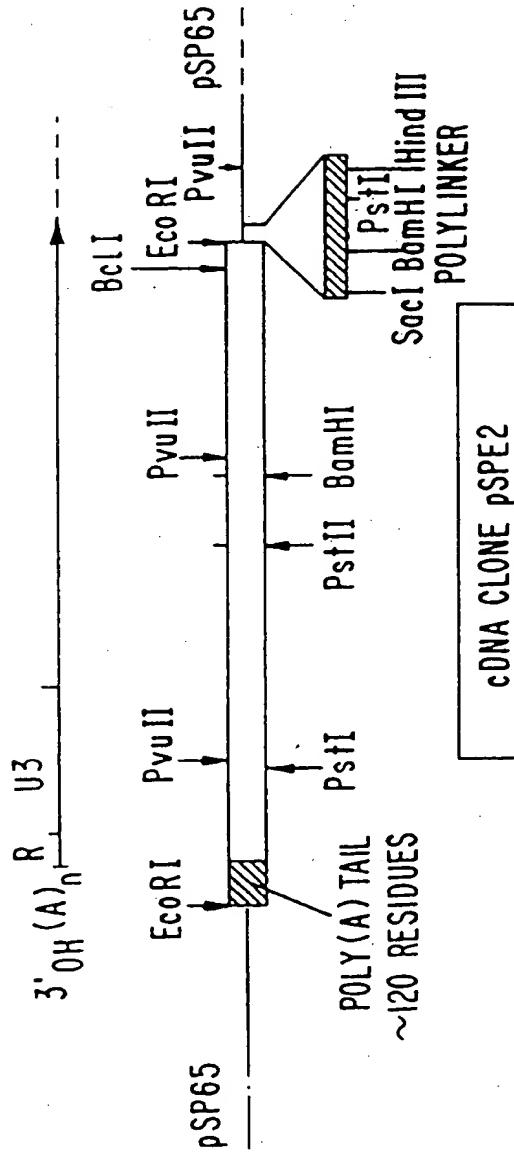


FIG. 5

THE BOUNDARIES OF R AND U3  
ELEMENTS ARE NOT PRECISELY  
DETERMINED.

HIV-2 RNA

200 b



NO SITES IN pSPE2 INSERT FOR: AccI / AvaI / BclI / BglII / ClaI / EcoRI

HincII / HindIII / KpnI / NdeI / NruI / PvuI /

SacI / SmaI / SalI / XbaI